SECOND TO THIRD CLASS.

1. 90374005×9390800 .

2. How much more will be given for 397 head of cattle at \$57 each, than for 75 horses at \$193 each ?

3. If there are 12 ounces in a pound, how many ounces are there in 73694 lbs. ?

4. Find the difference between the quotient of 14784, divided by 37 and 872127 divided by 999.

5. Write in words, 10010201401; and in figures, one million, twenty-three thousand and one. Add the numbers together, and from their sum substract their difference.

6. The divisor is 87, the quotient sixteen times the remainder, less 19; and the remainder is 47. What is the dividend?

7. A drover bought 364 sheep at \$5 each; twice as many calves at \$7 each; 23 cows at \$47 each; and three times as many horses as cows at twice as much each. What did all cost him?

8. Find the number from which, if 13675 be taken, the re mainder will be 45?09, less 27645.

9 Of what number is 99995 both the divisor and quotient?

Numbers 1, 4, 9 to be absolutely correct, or no credit given.

Values :--1, 7; 2, 10; 3, 8; 4, 10; 5, 19; 6, 16; 7, 16; 8, 13; 9, 10.

THIRD TO FOURTH CLASS.

1. Find the H. C. F. of 1581227 and 167,8766.

2. Find the least number which, divided by 13, 15, and 17, leaves a remainder of 12 in each case.

3. Simplify $4 \div [6+3 \div \{5+9 \div (2+\frac{1}{4})\}]$

4. Find two numbers whose sum is 4} and difference 24.

5. How many times is £17 128. 9¹/₂d. contained in £1393 8s. 10³/₂d. ?

6. What will 11 pecks 3 qts. strawberries cost, at 12¹/₂c. per qt. ?

7. A man spends \$61.60 every 35 days, and saves \$400 per year. What is his annual income?

8. Multiply 4987639 by 498437, using only three lines of multiplication.

9. If $\frac{4}{3}$ of a vessel be worth \$13056, what is the value of $\frac{4}{3}$ of it? 10. From the sum $4\frac{2}{3}$ and $9\frac{1}{3}$ take their difference.

Values: - No. 1, 8; 2, 12; 3, 10; 4, 10; 5, 12: 6, 8; 7, 8; 8, 19 9, 10; 10, 10.

FOURTH TO FIFTH CLASS.

1. On a railroa 1 149 miles, 234 rods, 4 yards, 2 feet long, there are 18 staticns, including one at each end of the road. What is the average distance between the stations?

2. How many boards, 12 feet long and 4 inches wide, are required to floor a room 36×27 feet?

3. What is the cost of 73590 lbs. of coal, at 0.55 per ton of 2000 lbs.?

4. Paid \$2225 for 180 sheep, and sold them for \$2675. What should I gain on 1200 at the same rate?

5. A person after spending $\frac{1}{2}$ and $\frac{1}{2}$ of his money, and \$20 more, had \$80 left. What had he at first?

6. What is a Composite Number? Find the prime factors of \$320; and the L. C. M. of $3\frac{1}{2}$, $4\frac{1}{3}$, and $\frac{5}{4}$.

7. A pile of wood is 6 feet high, and 4 feet wide. How long must it be to contain 10 cords?

8. Add 3.45+4.1627+9.32546.

9. Divide fifty-one hundredths by fifteen thousandths.

10. A man divided 367 acres between a son and daughter so that the son's share, plus 24 acres, was to the daughter's as 8 to 9. How many acres did each receive?

Each question counts 10 marks.

GRAMMAR.

THIRD CLASS.

1. Correct the following :---

- (a) the canadian pacific railway from emerson to brandon.
 - (b) The chimnies was built of brick.
 - (c) Uncle William has two son-in-laws.

- (d) There were a crowd of boys in the room.
- (e) Was that pen broke when I give it to you.
- (f) The banks of the river were overflown.

2. Write sentences containing the following words properly used :--

- (their, there) (two, to, too) (fair, ^--9) (hire, higher) (sailer, sailor.)
- 3. Analyse the following :---
 - (a) A little old man dressed in tattered clothes passed by our door.
 - (b) Having conquered Gaul, Cresar sailed over to Britain.
 - (c) Under her torn hat glowed the wealth
 - Of simple beauty and rustic health.
- - It is a thin bag. It is a tight bag.

It is made of silk. It is generally shaped like a globe.

It is filled with a fluid.

This fluid is lighter than common air.

Values -1. 18: 2, 30: 3, 30; 4, 22

FOURTH TO FIFTH CLASS.

1. Name and define the different kinds of proncuns and adjectives.

2. When is a verb in the active, and when in the passive voice? 3. Analyse and parse the following sentence: Sin has a great many tools, but a lie is a handle which fits them all.

4. Write a sentence containing that as a relative. Also, one $\cos a$ aining that as a conjunction.

5. Parse words in italics : He could have gone ; Have I no friend? quoth he.

Values: -1, 12; 2, 8; 3, analysis 10, parsing 35; 4, 10; 5, 25.

HISTORY AND LITERATURE.

FOURTH TO FIFTH CLASS.

[To be supplied by the Teacher].

Aotes and Aews.

ONTARIO.

Whitby has secured the services of Mr. Schrapnel as a teacher of drawing.

Industrial drawing is about to be introduced in the public schools, Oshawa.

R. B. Orr, M.A., formerly head master of Brighton high school, has taken a position in Whitby collegiate institute.

Port Hope high s hool, under the successful management of Dr. A. Purslow, reports the highest attendance it ever had.

The North-street school, Whitby, is progressing well under the careful management and tuition of Mr. Willis, who is an old and well-tried teacher.

We regret to learn that Mr. D. Stephenson, the energetic principal of one of the Cobo vg public schools, has been sufficient from congestion of the lungs

An increased amount of attention is now given to the study of botany in the high schools of Ontario. As this is left an optional subject, many lady students prefer it to algebra.

Mr. Charlez S. McMain, an experienced and successful teacher, and for many years principal of Brougham public schools, has recently been appointed principal of the central school, Oshawa.

Two active, enthusiastic young teachers have been appointed to schools in Oshawa. Mr. J. M. Reid, formerly of Peterboro', has taken charge of Mary St. school, and Mr. W. A. Hoath, a graduate of Ottawa normal school, has become principal of Albert St. school.

W. W. Tamblin, principal of the high and public schools, Bowmanville, strongly advocates the separation of the supervision of these schools as conducive to better work and more effective results.

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